Index of Claims

| App | lication | No |
|-----|----------|----|
|-----|----------|----|

09/417,428

Examiner

Applicant(s)

LYMAN, DANIEL F.

Art Unit

3712

Urszula M Cegielnik

✓ Rejected= Allowed

\_\_ (Through numeral)
Cancelled

Restricted | 1

Non-Elected

Interference

Appeai

O Objected

| Cla  | aim                                     | Γ  |                     |          |          | Date            | <del></del> |                 |               |          |        | Cla   | ıim      |                        | Date               |  |              |                | Cla         | aim        |          |             | D        | ate       |          |          |          |
|--|---|--|---------------------|----------|----------|-----------------|-------------|-----------------|---------------|----------|--------|-------|----------|------------------------|--------------------|--|--------------|----------------|-------------|------------|----------|-------------|----------|-----------|----------|----------|----------|
| _  | laf                                     | 4  |                     |          |          |                 |             |                 |               |          |        | =     | ıal      |                        |                    |  |              |                | <del></del> | la l       |          |             |          |           |          |          |          |
| Final  | Original                                | 5/18/04  |                     |          |          |                 |             |                 |               |          |        | Final | Original |                        |                    |  |              |                | Final       | Original   |          |             |          |           | ŀ        |          |          |
| "  | ō                                       | 5  |                     |          |          |                 |             |                 |               |          | 1.1    | -     | ō        |                        |                    |  |              | 1 3            | _           | Ō          |          |             |          |           | ı        | -        |          |
| <b></b>  | 1                                       | 1  | H                   |          |          |                 |             | Н               | $\Box$        |          |        |       | 51       |                        |                    | tt   | T            | q              |             | 101        |          |             |          | $\dashv$  |          | _        | 十        |
|  | 2                                       | T  | П                   | $\neg$   |          | П               |             | П               | $\Box$        |          | 17     |       | 52       |                        |                    |  |              | ,              |             | 102        |          |             |          |           |          |          |          |
|  | 3                                       |  |                     |          |          |                 |             |                 |               |          | : ;    |       | 53       |                        |                    |  |              | *.             |             | 103        |          |             |          |           |          |          | Ι.       |
|  | 4                                       |  |                     |          |          |                 |             |                 |               |          | - 12   |       | 54       |                        |                    |  |              | -              |             | 104        |          |             |          | $\perp$   | _        | $\perp$  | ┷        |
|  | 5                                       | <u> </u>   | Ш                   | _        |          | Ш               |             | Щ               | $\Box$        |          |        |       | 55       |                        |                    | Ш.   |              | 1,             |             | 105        |          | 4_          |          | _         | _        | 4        | 4        |
|  | 6                                       | L  | Ш                   | _        |          | Щ               |             | Щ               |               |          |        |       | 56       |                        |                    | <del>                                     </del> | ┷            | 11             |             | 106        |          | 1           | _        |           |          | +        | _        |
| <u> </u>   | 7                                       | ┡  | Н                   | 4        | _        | Н               |             | Ш               | $\Box$        |          |        |       | 57       | +++                    |                    | ╁-┼-   |              | 1.5            |             | 107        |          | 4           | -        |           |          | +        | +        |
|  | 8                                       |  | $\square$           | -        |          | -               |             | Н               | $\vdash$      |          |        |       | 58<br>59 |                        |                    | ++-  | +            | 54             |             | 108<br>109 |          | +           | $\dashv$ | $\dashv$  | -        | +        | +        |
|  | 9                                       | $\vdash$   | Н                   | $\dashv$ | _        |                 |             |                 | $\dashv$      |          | ,i     |       | 60       | +++                    |                    | +-+-   | +            | 7              |             | 110        | -        | +           |          | $\dashv$  | +        | +        | +        |
|  | 11                                      |  | Н                   | $\dashv$ | _        |                 |             | Н               |               |          | 4      |       | 61       |                        | ++                 | +  | +            | 1.0            |             | 111        | +        | ╁┤          | -        | $\dashv$  |          | +        | +        |
| <u> </u>   | 12                                      | $\vdash$   | $\vdash \vdash$     | $\dashv$ | $\dashv$ | Н               |             | $\vdash$        | -             | _        |        |       | 62       | +++                    | <del>-  </del> -   | ++-  | +            | أعرار          |             | 112        | -        | +           | -        | $\dashv$  | $\dashv$ | +        | +        |
| <del>                                     </del> | 13                                      | -  | $\vdash$            | $\dashv$ | $\dashv$ | Н               |             | Н               | $\dashv$      |          | C.     |       | 63       | <del>- - -</del>       | ++                 | ++   | $\vdash$     | 1.1            |             | 113        | +        | Н           | $\dashv$ | -         | $\dashv$ | +        | +        |
|  | 14                                      | $\vdash$   | H                   | $\dashv$ | -        | Н               | -           | H               | $\dashv$      |          | i ji   |       | 64       | +++                    | ++                 | ++   | Н            | Ţ.             |             | 114        | +        | Н           |          |           | $\dashv$ | $\dashv$ | $\top$   |
|  | 15                                      |  | H                   | $\neg$   |          |                 |             | П               |               |          | ' g    |       | 65       |                        |                    | $\Box$   | $\vdash$     | £.             |             | 115        |          | П           |          |           | T        | $\top$   | ┪        |
|  | 16                                      | T  | $\Box$              | 7        |          |                 |             | П               |               |          | , E    |       | 66       | <del>       </del>     |                    |  | П            | 1              |             | 116        |          | П           |          |           |          |          |          |
|  | 17                                      | 1  |                     | ╛        |          |                 |             |                 |               |          | - ,    |       | 67       |                        |                    |  |              | À              |             | 117        |          |             |          |           |          |          |          |
|  | 18                                      |  |                     | $\Box$   |          |                 |             |                 |               |          |        |       | 68       |                        |                    |  |              | j.,            |             | 118        |          |             |          |           |          | $\top$   |          |
|  | 19                                      |  |                     |          |          |                 |             |                 |               |          |        |       | 69       |                        |                    |  |              |                |             | 119        |          |             |          |           |          |          |          |
|  | 20                                      |  | П                   | $\Box$   |          |                 |             |                 |               |          | ŧ- :   |       | 70       |                        |                    |  |              | 10             |             | 120        |          |             |          |           |          |          |          |
|  | 21                                      | L  | Ц                   |          |          |                 |             |                 |               | _        | 100.00 |       | 71       |                        |                    |  |              | liv.           |             | 121        |          | $\sqcup$    |          |           | _        |          |          |
|  | 22                                      | L_   | Ш                   |          |          |                 |             |                 | _             |          | 1      |       | 72       |                        | $\bot \bot$        | $\perp \perp$                                    | -            | g - 1          |             | 122        |          | Ш           |          | $\dashv$  | _        |          | 4        |
| ļ  | 23                                      |  | Н                   | _        | _        |                 |             | Ш               |               |          | 57     |       | 73       |                        | +                  | $\vdash$   | $\perp$      |                |             | 123        |          |             | _        | _         | $\dashv$ | +        | +        |
|  | 24                                      | <u> </u>   | $\sqcup$            | _        | _        |                 |             | $\vdash$        |               |          |        |       | 74       |                        |                    | <del>                                     </del> | $\vdash$     |                |             | 124        | $\dashv$ | +           | $\dashv$ | -         | -        | -        | +        |
|  | 25                                      | -  | $\vdash$            |          | $\dashv$ | _               |             | $\vdash$        |               |          | 10     |       | 75       | -                      | ++                 | ——   | -            |                |             | 125        | $\dashv$ | Н           | $\dashv$ |           |          | -+-      | +        |
|  | 26                                      | -  | $\vdash$            | -        | $\dashv$ | $\vdash$        |             | $\vdash$        | $\rightarrow$ | _        | 4 3    |       | 76       | -                      | +-+-               | -  | +            |                |             | 126<br>127 | -        | ╁           |          | -         | -        | +        | +        |
|  | 27<br>28                                | -  | $\vdash$            |          | $\dashv$ |                 | _           |                 |               |          | C.     |       | 77<br>78 | -                      | ++                 | ++-  | +            | ja jeriti<br>J |             | 128        | +        | +           | $\dashv$ | $\dashv$  | ┰        | +        | +        |
| <del> </del>                                     | 29                                      | ⊢  | $\vdash$            | $\dashv$ | $\dashv$ | -               |             | Н               |               | _        | -      |       | 79       |                        | ++-                | ++   | +            | 翻              |             | 129        | +        | +           | $\dashv$ |           | $\dashv$ | +        | +-       |
| $\vdash$   | 30                                      | -  | $\vdash$            | -        | -        | $\dashv$        |             | Н               | $\dashv$      |          | . :    |       | 80       |                        | ++                 | +  | +            |                |             | 130        | $\dashv$ | Н           | $\dashv$ | +         | -        | -        | ╁        |
|  | .31                                     |  | H                   | $\dashv$ | $\dashv$ |                 | _           | $\vdash$        | -             |          |        |       | 81       |                        | ++                 | + + -  | 1-           | justi.         |             | 131        | -        | +           | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | +        |
|  | 32                                      | $\vdash$   | $\vdash$            |          |          | $\vdash$        |             | H               | $\dashv$      |          |        |       | 82       |                        | 1 1                |  | $^{\dagger}$ | 1              |             | 132        |          | T           |          | T         | $\dashv$ | _        | $\dashv$ |
|  | 33                                      | Т  | $\Box$              | ┪        | $\neg$   | П               |             | П               |               |          | 1      |       | 83       |                        | 1 1                |  | П            | î - 1          |             | 133        | $\neg$   | П           |          |           | $\neg$   | 7        |          |
|  | 34                                      |  | $\sqcap$            | 7        |          |                 |             | $\Box$          | $\neg$        |          |        |       | 84       |                        |                    |  |              | 517            |             | 134        |          | П           |          | $\exists$ |          |          |          |
|  | 35                                      |  |                     |          |          |                 |             |                 |               |          | 7-2    |       | 85       |                        |                    |  |              | £ 1            |             | 135        |          |             |          |           | $\Box$   |          |          |
|  | 36                                      |  |                     |          |          |                 |             |                 |               |          | 1      |       | 86       |                        |                    | $\prod$  | $\Box$       |                |             | 136        |          |             |          |           |          |          |          |
|  | 37                                      |  | Ш                   | $\Box$   |          |                 |             |                 | $\Box$        |          |        |       | 87       |                        | $\perp T$          | $\coprod$  | Ш            |                |             | 137        |          | oxdot       | [        | $\Box$    | $\Box$   |          |          |
|  | 38                                      | L  | Ц                   | $\Box$   |          |                 |             | Ш               | [             |          |        |       | 88       |                        |                    | $\sqcup$   | Ш            |                |             | 138        |          | $\sqcup$    | $\perp$  | $\Box$    |          | $\perp$  | $\perp$  |
|  | 39                                      | $ldsymbol{ld}}}}}}$ | Щ                   | _        | _        |                 |             | Ш               | _             |          |        |       | 89       | $\bot$                 | $\perp \perp$      | $\perp$  | Ш            |                |             | 139        | $\bot$   | $\sqcup$    | _        | _         | _        | 4        |          |
| Ш  | 40                                      | lacksquare   | $\sqcup$            | _        | _        |                 | _           | $\sqcup$        | _             | _        |        |       | 90       | -                      | +                  | ++   | $\sqcup$     |                |             | 140        | _        | $\sqcup$    | _        |           | -+       | +        | +        |
| $\vdash$   | 41                                      | ├_   | $\vdash \downarrow$ | _        |          |                 |             | $\vdash \dashv$ |               |          |        |       | 91       | $\dashv$               | +                  | $\vdash$   | $\vdash$     | #**            |             | 141        | $\dashv$ | +           |          | -         | -+       | -        | +        |
|  | 42                                      | <del> </del>   | $\vdash \downarrow$ | $\dashv$ |          |                 |             | $\vdash$        |               |          |        |       | 92       |                        | ++                 | $\vdash$   | H            |                |             | 142        |          | $\vdash$    | $\dashv$ | $\dashv$  | -+       | -        | +-       |
|  | 43<br>44                                | $\vdash$   | $\vdash$            | $\dashv$ | -        | $\vdash \vdash$ | _           | $\vdash \vdash$ | $\dashv$      | -        | 9.3    |       | 93<br>94 | ++                     | ++                 | +  | +            | A (III         |             | 143<br>144 |          | +           | $\dashv$ | $\dashv$  | $\dashv$ | +        | +        |
|  | 45                                      | $\vdash$   | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$        | _           | $\vdash \vdash$ | $\dashv$      | -        | 12     |       | 95       | <del>-   -   -  </del> | ++                 | ╁╌╂╾   | $\vdash$     |                | -           | 145        |          | +-          | $\dashv$ | $\dashv$  | $\dashv$ | +        | +        |
| $\vdash$   | 46                                      | <del> </del>   | $\vdash \dashv$     | $\dashv$ | $\dashv$ | $\vdash$        |             | $\vdash \vdash$ | $\dashv$      | $\dashv$ |        | -     | 96       | <del>-   -   -  </del> | + + -              | ++   | Н            |                |             | 146        | -+       | +           | $\dashv$ | $\dashv$  | +        | +        | +        |
|  | 47                                      | $\vdash$   | $\dashv$            | +        | $\dashv$ | $\vdash$        |             | $\vdash \vdash$ | $\dashv$      | $\dashv$ | 45.    |       | 97       | +++                    | ++                 | $\vdash$   | $\dashv$     | # .            |             | 147        | $\dashv$ | +           | $\dashv$ | $\dashv$  | -+       | +        | +-       |
| $\vdash$   | 48                                      | $\vdash$   | $\vdash \vdash$     | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$    | $\vdash \vdash$ | $\dashv$      | -        |        |       | 98       | +++                    | ++                 | +-   | ╁┤           | ñ              | -+          | 148        | +        | +           | $\dashv$ | -+        | -+       | $\dashv$ | ┿        |
|  | 49                                      | Н  | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$        | _           | $\vdash$        | 十             | -        | 4      |       | 99       | +++                    | + +                | ++   | +            | - 10           | -           | 149        | +        | H           | $\dashv$ | $\dashv$  | $\dashv$ | +        | +        |
|  | 50                                      |  | $\Box$              | 寸        | $\dashv$ | $\dashv$        |             |                 | $\dashv$      |          | ŀ      |       | 100      | <del>- - - </del>      | <del>      -</del> |  | П            | ă.             |             | 150        |          | ${\dagger}$ | -1       | 7         | 7        | 十        | $\top$   |
|  | لــــــــــــــــــــــــــــــــــــــ |  |                     |          |          |                 |             |                 |               | _        | L      |       |          | _ 1 1 1                |                    | 4. 4   | ×            |                |             | 1          |          |             | 1        |           |          |          |          |